FILE 'CA' ENTERED AT 16:35:07 ON 23 MAY 2005
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	17.06	295.14

=> s KAYE/SQEP OR KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP
     *** REG1stRY INITIATED ***
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L16   5 L15

     *** REG1stRY INITIATED ***
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L18   4 L17

     *** REG1stRY INITIATED ***
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L20   1 L19

     *** REG1stRY INITIATED ***
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L22   0 L21

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L23           6 L22 OR L20 OR L18 OR L16

=> FILE REG


=> s KAYE/SQEP OR  KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP
              0 KAYE/SQEP
          66370 SQL=4
              0 KAYE/SQEP
                  (KAYE/SQEP AND SQL=4)
              1 KYAE/SQEP
          66370 SQL=4
              1 KYAE/SQEP
                  (KYAE/SQEP AND SQL=4)
              8 AYEG/SQEP
          66370 SQL=4
              8 AYEG/SQEP
                  (AYEG/SQEP AND SQL=4)
              2 GEYA/SQEP
          66370 SQL=4
              2 GEYA/SQEP
                  (GEYA/SQEP AND SQL=4)
L24          11 KAYE/SQEP OR  KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP

=> S AYEG/SQEP OR GAYE/SQEP OR GEYA/SQEP OR AYEG/SQEP
              8 AYEG/SQEP
          66370 SQL=4
              8 AYEG/SQEP
                  (AYEG/SQEP AND SQL=4)
              2 GAYE/SQEP
          66370 SQL=4
              2 GAYE/SQEP
                  (GAYE/SQEP AND SQL=4)
              2 GEYA/SQEP
          66370 SQL=4
              2 GEYA/SQEP
                  (GEYA/SQEP AND SQL=4)
              8 AYEG/SQEP
          66370 SQL=4
              8 AYEG/SQEP
                  (AYEG/SQEP AND SQL=4)
L25          10 AYEG/SQEP OR GAYE/SQEP OR GEYA/SQEP OR AYEG/SQEP

=> S GEYA/SQEP OR EYAG/SQEP
              2 GEYA/SQEP
          66370 SQL=4
              2 GEYA/SQEP
                  (GEYA/SQEP AND SQL=4)
             12 EYAG/SQEP
          66370 SQL=4
             12 EYAG/SQEP
                  (EYAG/SQEP AND SQL=4)
L26          12 GEYA/SQEP OR EYAG/SQEP

=> D HISTORY

      (FILE 'HOME' ENTERED AT 16:21:30 ON 23 MAY 2005)
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        FILE 'REGISTRY' ENTERED AT 16:21:34 ON 23 MAY 2005
L1          1 S KEAK/SQEP OR  KDAK/SQEP OR  KEGK/SQEP OR  KDGK/SQEP
L2          1 S KEAR/SQEP  OR  KDAR/SQEP  OR  KEGR/SQEP  OR  KDGR/SQEP
L3          1 S KAER/SQEP OR   KADR/SQEP  OR   KAER/SQEP OR   KGDR/SQEP
L4          0 S KAEK/SQEP   OR    KADK/SQEP  OR   KAEK/SQEP   OR  KGDK/SQEP
L5          0 S REAK/SQEP  OR  RDAK/SQEP  OR  REGK/SQEP  OR  RDGK/SQEP
L6          3 S RAEK/SQEP  OR  RADK/SQEP  OR  RAEK/SQEP   OR  RGDK/SQEP
L7          0 S EKAK/SQEP  OR  DKAK/SQEP  OR EKGK/SQEP OR  DKGK/SQEP
L8          1 S EKAR/SQEP  OR   DKAR/SQEP  OR    EKGR/SQEP  OR  DKGR/SQEP
L9          0 S AKER/SQEP  OR  AKDR/SQEP  OR  GKER/SQEP  OR  AKDR/SQEP
L10         2 S AKEK/SQEP  OR  AKDK/SQEP  OR  GKEK/SQEP  OR   AKDK/SQEP
L11         9 S L1-L10

        FILE 'CA' ENTERED AT 16:26:53 ON 23 MAY 2005
L12        17 S L11
L13     10574 S HOST ADJ2 GRAFT OR ORGAN ALLOGRAFT OR TRANSPLANT REJECTION OR
L14         0 S L12 AND L13
            S KAYE/SQEP OR  KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP

        FILE 'REGISTRY' ENTERED AT 16:35:18 ON 23 MAY 2005
L15         2 S GEYA/SQEP

        FILE 'CA' ENTERED AT 16:35:21 ON 23 MAY 2005
L16         5 S L15

        FILE 'REGISTRY' ENTERED AT 16:35:21 ON 23 MAY 2005
L17         8 S AYEG/SQEP

        FILE 'CA' ENTERED AT 16:35:24 ON 23 MAY 2005
L18         4 S L17

        FILE 'REGISTRY' ENTERED AT 16:35:24 ON 23 MAY 2005
L19         1 S KYAE/SQEP

        FILE 'CA' ENTERED AT 16:35:27 ON 23 MAY 2005
L20         1 S L19

        FILE 'REGISTRY' ENTERED AT 16:35:27 ON 23 MAY 2005
L21         0 S KAYE/SQEP

        FILE 'CA' ENTERED AT 16:35:31 ON 23 MAY 2005
L22         0 S L21
L23         6 S L22 OR L20 OR L18 OR L16

        FILE 'REGISTRY' ENTERED AT 16:35:34 ON 23 MAY 2005
L24        11 S KAYE/SQEP OR  KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP
L25        10 S AYEG/SQEP OR GAYE/SQEP OR GEYA/SQEP OR AYEG/SQEP
L26        12 S GEYA/SQEP OR EYAG/SQEP

=> s l24-126
L27        21 (L24 OR L25 OR L26)

=> file ca
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=> s l27
L28              6 L27

=> d history

      (FILE 'HOME' ENTERED AT 16:21:30 ON 23 MAY 2005)

      FILE 'REGISTRY' ENTERED AT 16:21:34 ON 23 MAY 2005
L1          1 S KEAK/SQEP OR  KDAK/SQEP OR  KEGK/SQEP OR  KDGK/SQEP
L2          1 S KEAR/SQEP  OR  KDAR/SQEP  OR  KEGR/SQEP  OR  KDGR/SQEP
L3          1 S KAER/SQEP OR   KADR/SQEP  OR   KAER/SQEP OR   KGDR/SQEP
L4          0 S KAEK/SQEP   OR    KADK/SQEP  OR   KAEK/SQEP   OR KGDK/SQEP
L5          0 S REAK/SQEP  OR  RDAK/SQEP  OR  REGK/SQEP  OR  RDGK/SQEP
L6          3 S RAEK/SQEP  OR  RADK/SQEP  OR  RAEK/SQEP  OR RGDK/SQEP
L7          0 S EKAK/SQEP  OR  DKAK/SQEP  OR EKGK/SQEP OR  DKGK/SQEP
L8          1 S EKAR/SQEP  OR   DKAR/SQEP  OR   EKGR/SQEP  OR  DKGR/SQEP
L9          0 S AKER/SQEP  OR  AKDR/SQEP  OR  GKER/SQEP  OR  AKDR/SQEP
L10         2 S AKEK/SQEP  OR  AKDK/SQEP  OR  GKEK/SQEP  OR   AKDK/SQEP
L11         9 S L1-L10

      FILE 'CA' ENTERED AT 16:26:53 ON 23 MAY 2005
L12        17 S L11
L13     10574 S HOST ADJ2 GRAFT OR ORGAN ALLOGRAFT OR TRANSPLANT REJECTION OR
L14         0 S L12 AND L13
              S KAYE/SQEP OR  KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP

      FILE 'REGISTRY' ENTERED AT 16:35:18 ON 23 MAY 2005
L15         2 S GEYA/SQEP

      FILE 'CA' ENTERED AT 16:35:21 ON 23 MAY 2005
L16         5 S L15

      FILE 'REGISTRY' ENTERED AT 16:35:21 ON 23 MAY 2005
L17         8 S AYEG/SQEP

      FILE 'CA' ENTERED AT 16:35:24 ON 23 MAY 2005
L18         4 S L17

      FILE 'REGISTRY' ENTERED AT 16:35:24 ON 23 MAY 2005
L19         1 S KYAE/SQEP

      FILE 'CA' ENTERED AT 16:35:27 ON 23 MAY 2005
L20         1 S L19

      FILE 'REGISTRY' ENTERED AT 16:35:27 ON 23 MAY 2005
L21         0 S KAYE/SQEP

      FILE 'CA' ENTERED AT 16:35:31 ON 23 MAY 2005
L22         0 S L21
L23         6 S L22 OR L20 OR L18 OR L16

      FILE 'REGISTRY' ENTERED AT 16:35:34 ON 23 MAY 2005
L24        11 S KAYE/SQEP OR   KYAE/SQEP OR AYEG/SQEP OR GEYA/SQEP
L25        10 S AYEG/SQEP OR GAYE/SQEP OR GEYA/SQEP OR AYEG/SQEP
L26        12 S GEYA/SQEP OR EYAG/SQEP
L27        21 S L24-L26
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      FILE 'CA' ENTERED AT 16:36:39 ON 23 MAY 2005
L28           6 S L27


=> s l13 and l28
L29          0 L13 AND L28


=> s immunosuppres?
L30      44974 IMMUNOSUPPRES?


=> s l22 or l28
L31          6 L22 OR L28


=> s l11 or l28
             17 L11
L32         23 L11 OR L28


=> s l32 and l30
L33          3 L32 AND L30


=> d bib ab 1-3


L33  ANSWER 1 OF 3  CA  COPYRIGHT 2005 ACS on STN
AN   140:58438  CA
TI   Monoclonal anti-MUC1 antibody PAM4 and chimeric antibodies for diagnosis
     and therapy of pancreatic cancer
IN   Gold, David V.; Goldenberg, David M.; Hansen, Hans
PA   Immunomedics, Inc., USA; McCall, John Douglas
SO   PCT Int. Appl., 110 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.              KIND   DATE         APPLICATION NO.          DATE
     ---------------         ----   --------     --------------------     --------
PI   WO 2003106497           A1     20031224     WO 2003-GB2585           20030616
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
            PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,
            TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
            FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2489469              AA     20031224     CA 2003-2489469          20030616
     US 2004057902           A1     20040325     US 2003-461878           20030616
     EP 1521775              A1     20050413     EP 2003-760086           20030616
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRAI US 2002-388313P         P      20020614
     WO 2003-GB2585          W      20030616
AB   This invention relates to monovalent and multivalent, monospecific
     antibodies and to monovalent and multivalent, multispecific antibodies.
     One embodiment of these antibodies has one or more identical binding sites
     where each binding site binds with a target antigen or an epitope on a
```

target antigen. Another embodiment of these antibodies has two or more
binding sites where these binding sites have affinity towards different
epitopes on a target antigen or different target antigens, or have
affinity towards a target antigen and a hapten. The present invention
further relates to recombinant vectors useful for the expression of these
functional antibodies in a host. More specifically, the present invention
relates to the tumor-assocd. antibody designated PAM4. The invention
further relates to chimeric PAM4 antibodies, and the use of such
antibodies in diagnosis and therapy.
RE.CNT 10   THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 2 OF 3 CA COPYRIGHT 2005 ACS on STN
AN   140:58437 CA
TI   Multivalent humanized monoclonal anti-MUC1 antibody PAM4 for diagnosis and
     treatment of cancer
IN   Goldenberg, David M.; Hansen, Hans; Qu, Zhengxing
PA   Immunomedics, Inc., USA; McCall, John Douglas
SO   PCT Int. Appl., 109 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.   KIND   DATE   APPLICATION NO.   DATE
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PI   WO 2003106495   A2   20031224   WO 2003-GB2593   20030616
     WO 2003106495   A3   20040401
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
            PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,
            TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
            FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2489467   AA   20031224   CA 2003-2489467   20030616
     US 2005014207   A1   20050120   US 2003-461885   20030616
     EP 1519958   A2   20050406   EP 2003-740743   20030616
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRAI US 2002-388314P   P   20020614
     WO 2003-GB2593   W   20030616
AB   This invention relates to monovalent and multivalent, monospecific
     antibodies and to multivalent, multispecific antibodies. One embodiment
     of these antibodies has one or more identical binding sites where each
     binding site binds with a target antigen or an epitope on a target
     antigen. Another embodiment of these antibodies has two or more binding
     sites where these binding sites have affinity towards different epitopes
     on a target antigen or different target antigens, or have affinity towards
     a target antigen and a hapten. The present invention further relates to
     recombinant vectors useful for the expression of these functional
     antibodies in a host. More specifically, the present invention relates to
     the tumor-assocd. antibody designated PAM4. The invention further relates
     to humanized and human PAM4 antibodies, and the use of such antibodies in
     diagnosis and therapy.

```
L33  ANSWER 3 OF 3   CA   COPYRIGHT 2005 ACS on STN
AN   132:132335  CA
TI   Treatment of autoimmune conditions with copolymer 1 and related copolymers
     and peptides
IN   Aharoni, Rina; Teitelbaum, Dvora; Arnon, Ruth; Sela, Michael;
     Fridkis-Hareli, Masha; Strominger, Jack L.
PA   Yeda Research and Development Co., Ltd, Israel; President and Fellows of
     Harvard College
SO   PCT Int. Appl., 147 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 4
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000005250	A1	20000203	WO 1999-US16747	19990723

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     W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
         DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
         JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
         MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
         TM, TR, TT, US, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
         MD, RU, TJ, TM
     RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
         ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
         CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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CA 2337688	AA	20000203	CA 1999-2337688	19990723
AU 9952262	A1	20000214	AU 1999-52262	.19990723
AU 768782	B2	20040108		
EP 1098902	A1	20010516	EP 1999-937423	19990723

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     R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
         IE, FI
```

JP 2002521387	T2	20020716	JP 2000-561206	19990723
NZ 509901	A	20031031	NZ 1999-509901	19990723
US 6514938	B1	20030204	US 1999-405743	19990924
ZA 2001000366	A	20020114	ZA 2001-366	20010112
NO 2001000329	A	20010308	NO 2001-329	20010119
US 2002055466	A1	20020509	US 2001-768872	20010123
US 2004006022	A1	20040108	US 2003-438538	20030515
PRAI US 1998-93859P	P	19980723		
US 1998-101825P	P	19980925		
US 1998-102960P	P	19981002		
US 1998-106350P	P	19981030		
US 1998-108184P	P	19981112		
US 1999-123675P	P	19990309		
US 1998-101693P	P	19980925		
US 1999-359099	A3	19990722		
WO 1999-US16747	W	19990723		

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AB   Polypeptides and peptides are disclosed which contain at least three amino
     acids randomly joined in a linear array, in which at least one of the
     three amino acids is an arom. amino acid, at least one of the three amino
     acids is a charged amino acid and at least one amino acid is an aliph.
     amino acid.  In a preferred embodiment, the polypeptide contains three or
     four of the following amino acids: tyrosine, alanine, glutamic acid or
     lysine.  According to the invention, the polypeptides bind to
     antigen-presenting cells, purified human lymphocyte antigens (HLA), and/or
     Copolymer 1-specific T cells.  Morever, these polypeptides can be
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formulated into pharmaceutical compns. for treating autoimmune disease. Also disclosed are methods of treating an autoimmune disease in a mammal by administering a pharmaceutically effective amt. of any one of the polypeptides or peptides.

RE.CNT 1   THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.05	406.39

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.04	-2.04

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 16:39:08 ON 23 MAY 2005